

ABSTRACT

A zoom lens has good optical performance, is compact, and has a high magnifying power, and is suitable for use in a video camera, a digital still camera, a cellular phone, or the like, and ~~[[a]]~~ an image pickup apparatus employs the zoom lens. The zoom lens ~~[[(1)]]~~ includes a first lens group ~~[[(GR1)]]~~ fixed upon zooming and having a positive refractive power, a second lens group ~~[[(GR2)]]~~ having a negative refractive power, a third lens group ~~[[(GR3)]]~~ having a positive refractive power, a fourth lens group ~~[[(GR4)]]~~ having a negative refractive power, and a fifth lens group ~~[[(GR5)]]~~ having a positive refractive power, which are successively arranged in the order from the object side. At least the second lens group and the fourth lens group are moved for zooming. ~~The first lens group includes a first single lens (GR1) having a negative refractive power, a reflective member (G2) for bending an optical path through 90-degree, and at least one second lens (G3) having a positive refractive power, which are successively arranged in the order from the object side.~~